



## INFORMATION DISCLOSURE STATEMENT

Applicant : Lasser, Elliott C.  
App. No. : 10/821,352  
Filed : April 9, 2004  
For : CONCENTRATED X-RAY CONTRAST  
MEDIA CAN ACT AS UNIVERSAL  
ANTIGENS AND CAN INHIBIT OR  
PREVENT ALLERGIC REACTIONS  
Examiner : Unknown  
Group Art Unit : 1616

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing twenty-one (21) references that are also enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

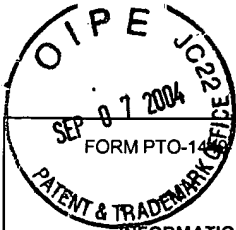
Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 9/1/04

By: M. T. Morley

Marc T. Morley  
Registration No. 52,051  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550



FORM PTO-14

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
ELASS.001C1APPLICATION NO.  
10/821,352INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Lasser, Elliott C.FILING DATE  
April 9, 2004GROUP  
1616

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	o							
	o							

EXAMINER  
INITIAL

## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	1	Brasch, R. et al. "Antibodies to Radiographic Contrast Agents: Induction and Characterization of Rabbit Antibody." <u>Invest Radiology</u> , 2: 1-9 (1976).
	2	Carr, D.H. and Walker, A.C. "Contrast media reactions: experimental evidence against the allergy theory." <u>Br. J. Radiology</u> , 57: 469-473 (1984).
	3	Dunn, C.R., Lasser, E.C. et al. "Failure to Induce Hypersensitivity Reactions to Opaque Contrast Media Analogs in guinea Pigs." <u>Invest Radiology</u> , 10: 317-322 (1975).
	4	Frick, O.L. in <u>Basic &amp; Clinical Immunology</u> 2nd Edition, Fudenberg, Stites, Caldwell and Wells editors; Lange Medical Publications; Chapter 22; <u>Immediate Hypersensitivity</u> (1976, 1978).
	5	Ishizaka, T. et al. "Biochemical Analysis of Initial Triggering Events of IgE-Mediated Histamine Release from Human Lung Mast Cells." <u>J Immunology</u> , 130: 2357-62 (1983).
	6	Katayama, H. et al. "Adverse Reactions to Ionic and Nonionic Contrast Media." <u>Radiology</u> , 175: 621-628 (1990).
	7	Krause W., et al. "Physicochemical Parameters of X-Ray Contrast Media." <u>Invest Radiology</u> , 29: 72-80 (1994).
	8	Lang, J.H. and Lasser, E.C. "Binding of roentgenographic Contrast Media to Serum Albumin." <u>Invest Radiology</u> , 2: 396-400 (1967).
	9	Lasser, E.C. "The Multipotential Pseudoantigenicity of X-Ray Contrast Media." <u>Int Arch Allergy &amp; Immunol</u> , 123: 282-290 (2000).
	10	Lasser, E.C. et al. "Reports on Contrast Media Reactions: Analysis of Data from Reports to the U.S. Food and Drug Administration." <u>Radiology</u> , 203: 605-610 (1997).
	11	Lasser, E.C. et al. "The Significance of Protein Binding of Contrast Media in Roentgen Diagnosis." <u>AJR</u> , 87:338-360 (1962).
	12	Lasser, E.C., Walters, A.J., et al. "Histamin Release by Contrast Media." <u>Radiology</u> , 100: 683-686 (1971).
	13	Lasser, E.C. and Lamkin, G.E. "Can Contrast Media Act as 'Pseudoantigens'." <u>Academic Radiology</u> . 5 (suppl. 1): S95-S98 (1998).

EXAMINER

DATE CONSIDERED

\*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
ELASS.001C1APPLICATION NO.  
10/821,352INFORMATION DISCLOSURE STATEMENT  
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(SEE SEVERAL SHEETS IF NECESSARY)

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Lasser, Elliott C.FILING DATE  
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1616EXAMINER  
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## OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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| 14 | Lasser, et al. "A Role for Nitric Oxide in X-Ray Contrast Material Toxicity." <u>Academic Radiology</u> , 2: 559-564 (1995).   |
| 15 | Lasser EC and Laimkin GE. "Mechanisms of Blood Pressure Change after Bolus Injections of X-ray Contrast Media." <u>Academic Radiology</u> ; 9 [suppl 1]; S72-S75 (2002).                                   |
| 16 | Myrvik, Q.N. and Weiser, R.S. - <u>Fundamentals of Immunology</u> , Second Edition: Lea and Febiger, Philadelphia, Chapter 7, <i>Interactions of Antigens and Antibodies In Vitro</i> (1984).              |
| 17 | Namimatsu A. et al. "A New Method of the Measurement of Nasal Secretion in Guinea Pigs." <u>Int Arch Allergy Appl Immunol.</u> , 95: 29-34 (1991).   |
| 18 | Schneider, P. "Physico-chemical characteristics of isovist-280 and its immunogenic potential." <u>European Radiology</u> , 6:15-16 (1996).   |
| 19 | Shehadi, W.H. "Adverse Reactions to Intravascularly Administered contrast Media." <u>AJR</u> , 124: 145-152 (1975).  |
| 20 | Siegle, R.L. and Liebennan, P. "Measurement of Histamine, Complement components and Immune Complexes During Patient Reactions to Iodinated Contrast Material." <u>Invest Radiology</u> , 11:98-101 (1976). |
| 21 | Watanabe, N. et al. "In vitro effect of contrast agents during immunoradiometric assay for tumour-associated antigens." <u>Nucl. Med. Commun.</u> , 19:63-70 (1998).                                       |

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EXAMINER

DATE CONSIDERED

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PATENT

Case Docket No. ELASS.001C1

Date: September 1, 2004

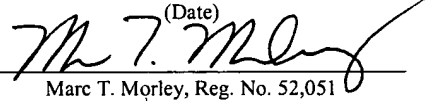
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Lasser, Elliott C.  
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AS UNIVERSAL ANTIGENS  
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Examiner : Unknown  
Group Art Unit : 1616

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

September 1, 2004

(Date)

  
Marc T. Morley, Reg. No. 52,051

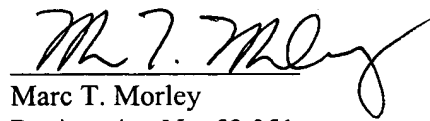
TRANSMITTAL LETTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement in one (1) page.
- (X) A PTO Form 1449 listing and enclosing twenty-one (21) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.

  
Marc T. Morley  
Registration No. 52,051  
Attorney of Record  
Customer No. 20,995  
(619) 235-8550